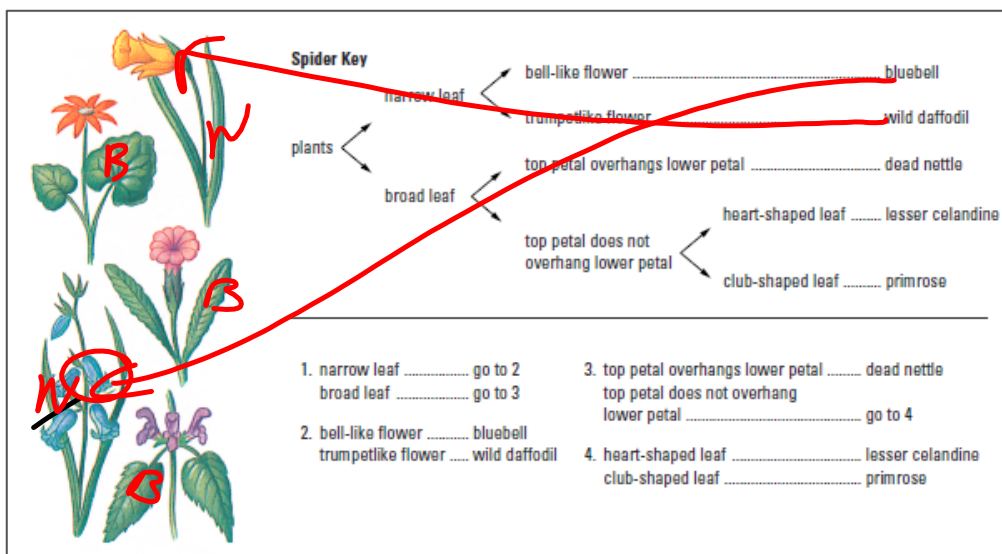
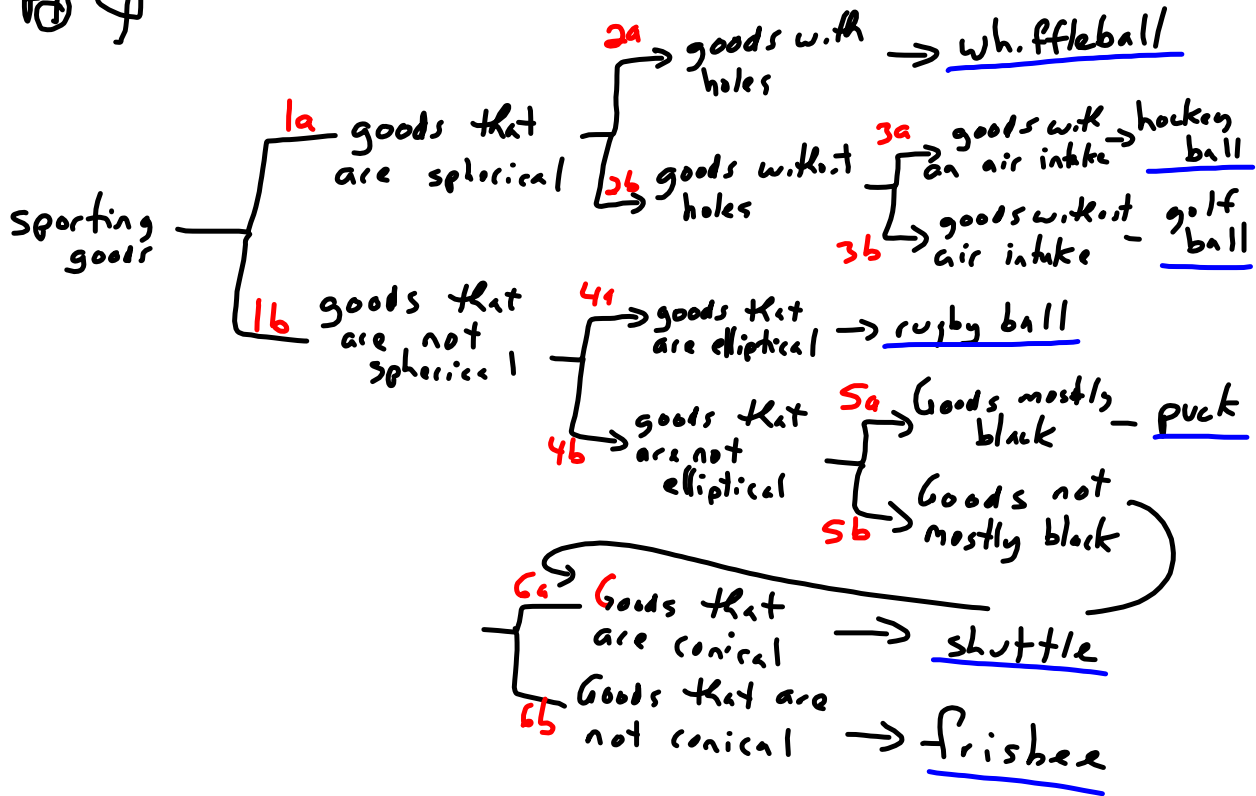


## Dichotomous Key / Spider Key

- used to identify unknown organisms
- gives 2 (di) choices to follow



Pd 4



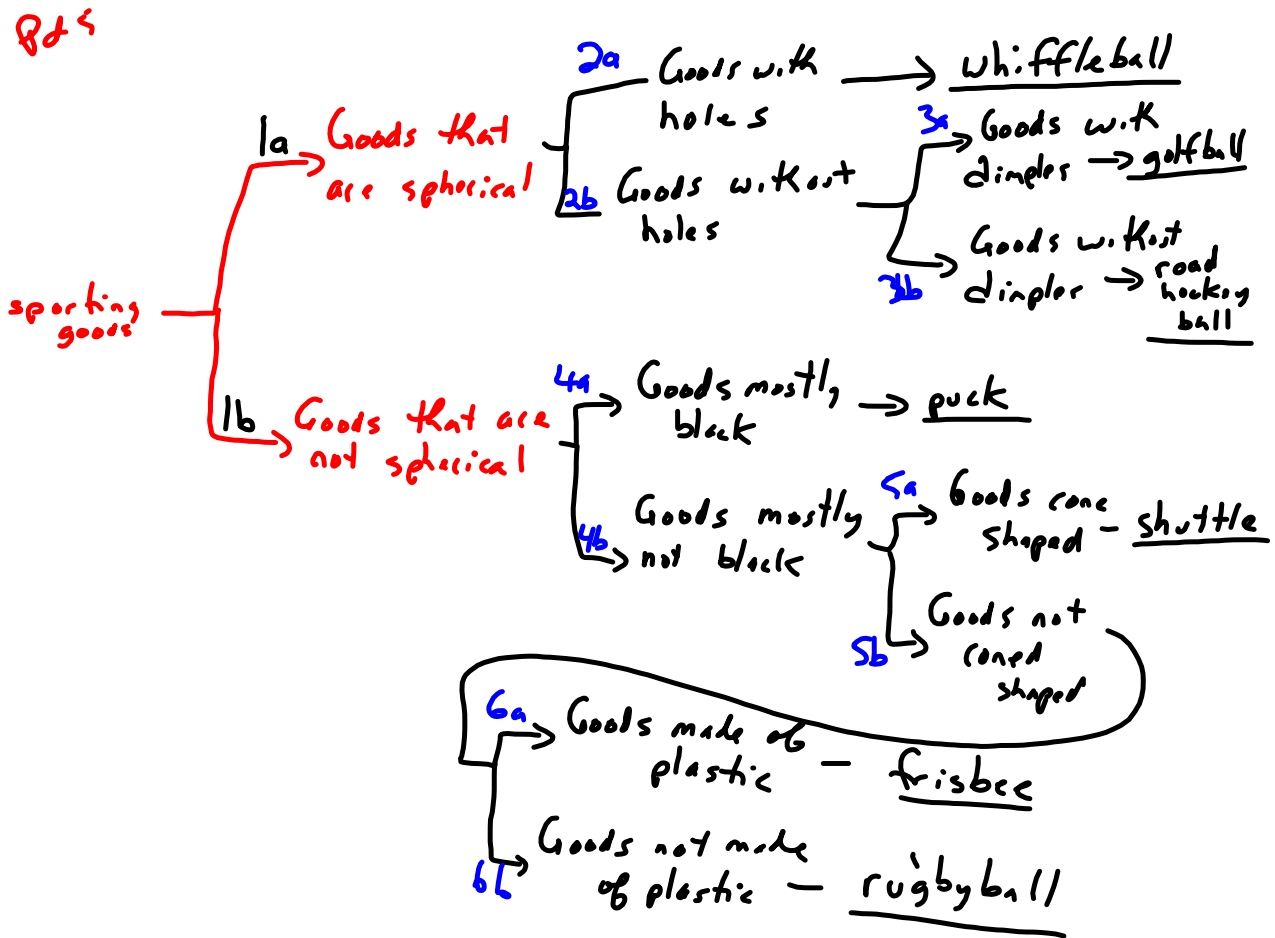
## Dichotomous Key

- 1a Goods that are spherical . . . . go to step 2  
 1b Goods that are not spherical . . . . go to Step 4

- 2a Goods that have holes . . . whiffleball  
 2b Goods without holes . . . go to step 3

3a  
 b

4a  
 b



- 1a. Goods that are spherical . . . go to step 2  
 b. Goods that are not spherical . . . go to step 4

- 2a. Goods with holes . . . whiffleball  
 b. Goods without holes . . . go to step 3

3a  
 b

Write the numbers 1 to 7 on your page

**Dichotomous Key for Leaves**

1. Compound or simple leaf
  - 1a) Compound leaf (leaf divided into leaflets)  
.....go to step 2
  - 1b) Simple leaf (leaf not divided into leaflets)  
.....go to step 4
2. Arrangement of leaflets
  - 2a) Palmate arrangement of leaflets (leaflets all attached at one central point)  
.....*Aesculus* (buckeye)
  - 2b) Pinnate arrangement of leaflets (leaflets attached at several points)  
.....go to step 3
3. Leaflet shape
  - 3a) Leaflets taper to pointed tips  
.....*Carya* (pecan)
  - 3b) Oval leaflets with rounded tips  
.....*Robinia* (locust)
4. Arrangement of leaf veins
  - 4a) Veins branch out from one central point  
.....go to step 5
  - 4b) Veins branch off main vein in the middle of the leaf.....go to step 6
5. Overall shape of leaf
  - 5a) Leaf is heart-shaped.....*Cercis* (redbud)
  - 5b) Leaf is star-shaped  
.....*Liquidambar* (sweet gum)
6. Appearance of leaf edge
  - 6a) Leaf has toothed (jagged) edge  
.....*Betula* (birch)
  - 6b) Leaf has untoothed (smooth) edge  
.....*Magnolia* (magnolia)

